

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: ADELAIDE, JEAN-MICHEL; DESMET, BENJAMIN; PEINTRE, JEAN-MARC

SERIAL NO.: 10/088,043

ART UNIT: 3661

FILED: June 19, 2002

EXAMINER: ZANELLI, M.J.

TITLE: PORTABLE DEVICE SUPPLYING TOURIST INFORMATION

AMENDMENT "A"

Director of the U.S. Patent
and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Amendment A: CLAIM AMENDMENTS

Please cancel Claims 1 - 15 and substitute Claims 16 - 28 therefor as follows:

Claims 1 - 15 (canceled).

16. (new) A mobile device to supply information for tourism to a user comprising:

a storage means fragmented into sectors, said storage means for gathering the information to be supplied and for having each sector corresponding at least to one given geographic location and for showing an address associated therewith;

a tracking means for delivering positioning information corresponding to a location in which the device is situated;

a processing means for drawing up a reading instruction containing at least the address of the sector of the information to be supplied in relation to said positioning information based on at least one correspondence table, the correspondence table associating at least the address of the sector and the positioning information regarding the corresponding geographic location;

a reading means for reading the information contained in the sector, said reading means for showing an address of a reading instruction delivered by said process means;

a playing means for transmitting the information selected in order to provide the user with messages regarding the geographic location in which the user is located, said processing means comprising a guiding means for the reading means, said guiding means for drawing up the reading instruction and for storing a list of addresses of the sectors already read in a memory unit, said processing means for comparing an address of the sector of the information to be supplied with the content of said list, said guiding means for delivering a reading instruction to the reading means, said reading instruction containing the address of a sector of said storage means, said reading instruction having a standby message to be played when the comparing indicates the sector has already been read by said reading means.

17. (new) The device according to Claim 16, wherein the information to be supplied contained in each sector corresponds to at least one field of a customization criteria, the device further comprising:

a parameterization means for enabling the user to select the field for the customization criteria, said at least one correspondence table comprising at least two correspondence tables, one of said two correspondence tables associating the positioning information and a comment reference for all the sectors containing information to be supplied regardless of the field or the selection criteria used regarding the same geographic location, another of said two correspondence tables associating said comment reference and the address of the sector regarding the information to be supplied in relation to the fields selected.

18. (new) The device according to the Claim 16, said storage means being removable.

19. (new) The device according to Claims 16, said processing means for scanning continuously the positioning information delivered by said tracking means in order to determine the address of the sector of the information to be supplied as soon as one piece of the positioning information delivered by said tracking means corresponds with at least one sector address.

20. (new) The device according to Claim 16, said reading means for actuating as soon as a reading instruction is transmitted to said reading means by said processing means in order to take into account the information selected from said storage means.

21. (new) The device of Claim 16, said guiding means for delivering a reading instruction to said reading means, said reading instruction containing the address of a sector of the storage means , said playing means for playing a message when said positioning information is unknown in said correspondence table and or when no positioning information is received.

22. (new) The device according to Claim 16, said tracking means comprising at least one of a satellite positioning module and a ground beacon positioning module.

23. (new) The device according to Claim 22, said processing means for processing initially information from said ground beacon positioning module.

24. (new) A mobile device to supply information for tourism to a user comprising:
a storage means fragmented into sectors, said storage means for gathering the information to be supplied and for having each sector corresponding at least to one given geographic location and for showing an address associated therewith;

a tracking means for delivering positioning information corresponding to a location in which the device is situated;

a processing means for drawing up a reading instruction containing at least the address of the sector of the information to be supplied in relation to said positioning information based on at least one correspondence table, the correspondence table associating at least the address of the sector and the positioning information regarding the corresponding geographic location;

a reading means for reading the information contained in the sector, said reading means for showing an address of a reading instruction delivered by said processing means;

a playing means for transmitting the information selected in order to provide the user with messages regarding the geographic location in which the user is located; and

a buffer means for recording at least partially the information selected and for checking said information selected for integrity and for restoring the integrity in case of a failure so as to enable the transmission of said information selected by said playing means after the steps of checking and restoring.

25. (new) The device according to Claim 16, further comprising:

means for checking a succession of the information selected by said reading means, said means for checking for at least authorizing the message to be repeated and to be skipped and to pause during a delivery of the message.

26. (new) The device according to Claim 16, further comprising:

an additional memory means for storing information related to statistical data.

27. (new) The device according to Claim 16, further comprising:

assistance means for assisting the user, said assistance means for causing the information contained in said storage means to be taken at least partially into account by said reading